

MATERIALS SCIENCE & ENGINEERING, DOCTOR OF PHILOSOPHY

College of Engineering

The Doctoral (Ph.D.) Degree in Materials Science & Engineering

The doctoral degree in Materials Science & Engineering prepares students to solve complex, long-term research problems. Students can expect to graduate in four to five years and to work on a large research project, culminating in a dissertation. The majority of our doctoral graduates end up in industry careers, usually in research and product development positions. Others go on to careers in academia, either as a postdoctoral researcher or an assistant professor. Students enrolled in the doctoral degree have the option to complete a designated emphasis in biophotonics and bioimaging, biotechnology, and/or nuclear science.

Doctoral students complete two examinations en route to their degrees, the preliminary exam and the qualifying examination, in addition to coursework and a dissertation.

Coursework Requirements

Code	Title	Units
Core Courses		25
Elective Courses		12
Total Units		37

For more information, see Doctoral Degree (<https://mse.engineering.ucdavis.edu/graduate/doctoral-degree/>).